

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

320 R-1 PCT/PTO 7 8 JUN 2001
PCT

Applicant: YU et al.
Serial No.: 09/787328
Filed: 16 March 2001
Issue Date: 16 June 2001

Examiner: Unknown
Group Art Unit: Unknown
Docket: 9548.50USWO

Title: NEW HUMAN HEPATOMA-DERIVED GROWTH FACTOR ENCODING SEQUENCE AND
POLYPEPTIDE ENCODED BY SUCH DNA SEQUENCE AND PRODUCING METHOD
THEREOF

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: , Commissioner for Patents, Washington, D.C. 20231, on 15 June 2001.

By:

Kate Jochman

Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 10 Reference(s)
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
612.332.5300

By:

Name: Michael D. Schumann

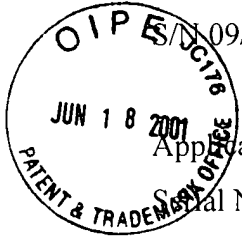
Reg. No.: 30,422

MDS/klj





#5



09/787328

Rec'd PCT/PTO

18 JUN 2001

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	YU et al.	Examiner:	Unknown
Serial No.:	09/787328	Group Art Unit:	Unknown
Filed:	16 March 2001	Docket No.:	9548.50USWO
Title:	NEW HUMAN HEPATOMA-DERIVED GROWTH FACTOR ENCODING SEQUENCE AND POLYPEPTIDE ENCODED BY SUCH DNA SEQUENCE AND PRODUCING METHOD THEREOF		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on 15 June 2001.

By: 

Kate Jochman

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

An English abstract only is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or



otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.


Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
(612)332.5300

Dated: 15 June 2001

By: 
Michael D. Schumann
Reg. No. 30,422

MDS/klj

FORM 1449

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

9548.50USWO

Application Number:

09/787328

Applicant: YU et al.

Filing Date: 16 March 2001

Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	9252777	30.09.1997	Japan			Abstract Only	
	6343470	20.12.1994	Japan			Abstract Only	
	05134258	20.12.1994	Japan			Abstract Only	
	08064001	30.09.1997	Japan			Abstract Only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Izumoto et al., "Hepatoma-derived growth factor belongs to a gene family in mice showing significant homology in the amino terminus," <i>Biochem. Biophys. Res. Commun.</i> 238 (1), 26-32 (1997).
	Nakamura et al., "Molecular cloning of complementary DNA for a novel human hepatoma-derived growth factor. Its homology with high mobility group-1 protein," <i>J. Biol. Chem.</i> 269 (40), 2514325149 (1994).
	Nakamura et al., "Partial purification and characterization of human hepatoma-derived growth factor," <i>Clin. Chim. Acta.</i> 183 (3) 273-284 (1989).
	Jhappan et al., "TGF α overexpression in transgenic mice induces liver neoplasia and abnormal development of the mammary gland and pancreas," <i>Cell</i> Vol. 61, 1137-1146 (1990).
	Kan et al., "Heparin-binding growth factor type 1 (acidic fibroblast growth factor): A potential biphasic autocrine and paracrine regulator of hepatocyte regeneration," <i>Proc. Natl. Acad. Sci.</i> Vol. 86, 7432-7436 (1989).
	Klagsbrun et al., "Human tumor cells synthesize an endothelial cell growth factor that is structurally related to basic fibroblast growth factor," <i>Proc. Natl. Acad. Sci.</i> Vol. 83, 2448-2452 (1986).



23552

PATENT TRADEMARK OFFICE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.